

PARCEL NUMBER: BLM 1 LAKE OROVILLE LOCATION: West Branch

CWHR HABITAT ELEMENT CHECKLIST

				ı .	
I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	О	SNAG, LARGE, (SOUND) >30" dbh
Ι	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	Ι	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Ι	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	Ι	STEEP SLOPE-Slopes > 50%
Ι	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	Ι	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
I	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	О	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	Ι	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	О	TREE, BROKEN LIVE TOP >11" dbh
Ι	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	Ι	TREE, W/ CAVITIES
I	FLOWERS	О	RIVERS - Perm., >6m (20') wide in dry season	Ι	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	Ι	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	Ι	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	О	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Ι	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Ι	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

O = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

PARCEL NUMBER: BLM 2 LAKE OROVILLE LOCATION: West Branch

CWHR HABITAT ELEMENT CHECKLIST

I ACORNS - Fruit of an oak I LAYER, HERBACEOUS > 10% herb. understory O SNAG, LARGE (ROTTEN) > 30" dbh I ALGAE - Any algae other than kelp I LAYER, SHRUB > 10% shrub understory O SNAG, LARGE, (SOUND) > 30" dbh I AMPHIBIANS - Frogs, Toads, etc. I LAYER, TREE > 10% subcanopy trees I SNAG, MEDIUM (ROTTEN) 15-30" dbh	
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AMPHIBIANS - Frogs, 1 oads, etc. LAYER, 1REE > 10% subcanopy trees SNAG, MEDIUM (ROTTEN) 15-30" (
	lbh
L AQUATICS, EMERGENT LICHENS L' SNAG, MEDIUM (SOUND) 15-30" dI	bh
E AQUATICS, SUBMERGED I LITHIC - Rock scatter < 10" diam. I SNAG, SMALL (ROTTEN) < 15" dbh	
I BANK - Cut, hollow or lake border I LITTER - Residue <1" in diam. I SNAG, SMALL (SOUND) <15" dbh	
I BARREN - Devoid of veg. within veg. area O LOG, LARGE (HOLLOW) >20" diam. I SOIL, AERATED - Well drained	
I BERRIES - Small, pulpy fruit O LOG, LARGE (ROTTEN) > 20" diam. I SOIL, FRIABLE - Easily crumbled	
I BIRDS, LARGE -> 450g (1lb) O LOG, LARGE (SOUND) >20" diam.	n.
I BIRDS, MED 110-450g (4oz-1lb) lb1111111) I LOG, MEDIUM (HOLLOW) 10-20" diam E SOIL, ORGANIC - >20% organic matt	er (wght.)
I BIRDS, SMALL - < 110g (40z) I LOG, MEDIUM (ROTTEN) 10-20" diam.	
E BOGS - Low-lying, residue rich areas I LOG, MEDIUM (SOUND) 10-20" diam.	
E BRUSH PILE ->1m high, >=15m² basal area I MAMMALS, LARGE -> 2270g (5lb.)	
E BUILDINGS - Houses, sheds, etc. I MAMMALS, MED 110-2270g (40z-5lb) E SPRINGS, HOT	
I BURROW - Excavation made by animal I MAMMALS, SMALL - < 110g (40z) E SPRINGS, MINERAL	
E CAMPGROUND I MOSS - Bryophytes I STEEP SLOPE-Slopes > 50%	
I CARRION - Any dead animal matter E MUD FLATS- contiguous with water body O STREAMS, INTERMITTENT	
E CAVE - Natural chamber open to surface I NECTAR E STREAMS, PERMANENT	
I CLIFF - Steep, vertical overhanging face E NEST BOX - Constructed nesting cavity E STUMP (ROTTEN)-snag<3m (10') hig	h
I CONES - From gymnosperm trees E NEST PLATFORM - Const. large platform E STUMP (SOUND)-snag<3m (10') high	
I DUFF - Non-structured decaying matter E NEST ISLAND - Man-made nesting island E TALUS-Slope from rock accumulation	
E DUMP - Sanitary landfill I NUTS - Hard-shelled, dry fruit.	
I EGGS - Any bird or reptile eggs E PACK STATION - with assoc. human use E TRANSMISSION LINES	
E FENCES - Any type E PONDS - Permanent, <2ha (5 acres) surf. area I TREE LEAVES	
O FERN - Spore-forming plants with fronds I REPTILES E TREE, BROKEN LIVE TOP >11" dbh	
I FISH E RIPARIAN INCLUSION - Riparian veg. (small) I TREE, W/ CAVITIES	
I FLOWERS E RIVERS - Perm., >6m (20') wide in dry season I TREE, W/ LOOSE BARK	
I FORBS - Herbaceous dicotyledons I ROCK - Outcrop >10" diam. E TREE/AGRICULTURE - Interface	
I FRUITS - Pulpy fruit I ROOTS E TREE/GRASS - Interface	
I FUNGI - Mushrooms, molds, etc. E SALT PONDS - Saline ponds E TREE/SHRUB - Interface	
E GRAIN - A single, hard cereal seed E SAND DUNE E TREE/WATER - Interface	
I GRAMINOIDS - Grass-like plants I SAP E TREES, FIR - Abies sp. >11" dbh	
E GRASS/AGRICULTURE - Interface I SEEDS - Other than listed above I TREES, HARDWOOD - >11" dbh	
E GRASS/WATER - Interface E SHRUB/AGRICULTURE- Interface I TREES, PINE - Pinus sp. > 11" dbh	
I INSECTS, FLYING - Insect eaten in air E SHRUB/GRASS - Interface E VERNAL POOLS	
I INSECTS, TERRESTRIAL E SHRUB/WATER - Interface I WATER - Any source of free water	
I INVERTEBRATES I SHRUBS - Woody plants, not trees E WATER, FAST - Unsilted; >2ft/sec. fl	ows
I INVERTEBRATES, AQUATIC E SLASH, LARGE (ROTTEN) Residue 3-10" diam. I WATER, CREATED BODY- Guzzler,	well, etc.
E JETTY - Rock/concrete extending into water E SLASH, LARGE (HOLLOW) Residue 3-10" diam. E WATER, SLOW - Some silt.; flows <	5ft/sec.
E KELP - Large, coarse, brown algae E SLASH, LARGE (SOUND) Residue 3-10" diam. E WATER/AGRICULTURE- Interface	
I LAKES - Permanent > 2ha (5 acres) E SLASH, SMALL Residue 1-3" diameter WHARF	

O = element is <u>nearby but outside</u> of the parcel

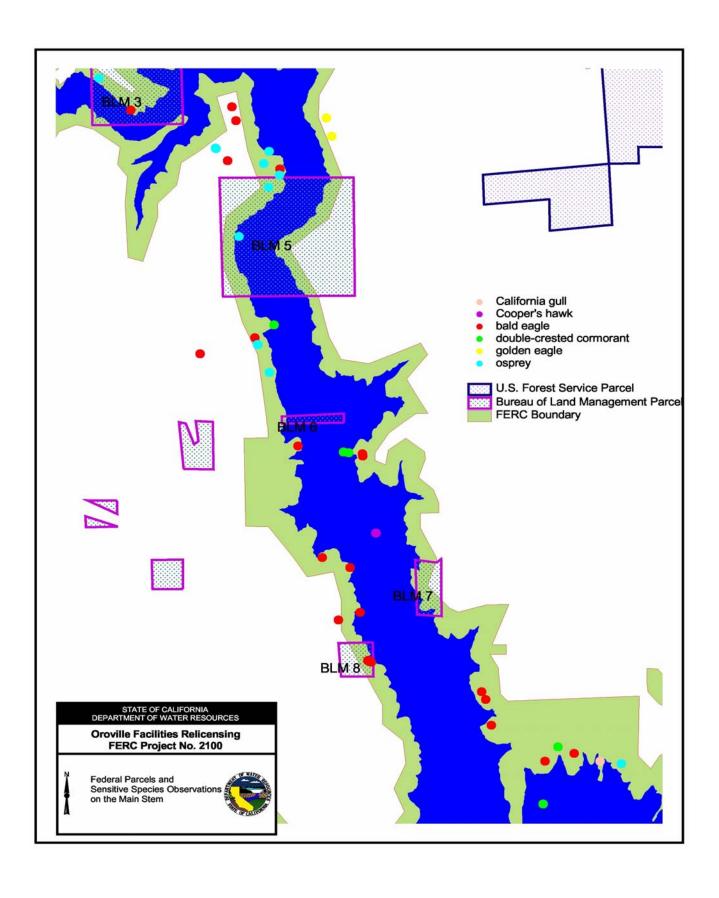
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PARCEL NUMBER: BLM 3 LAKE OROVILLE LOCATION: West Branch CWHR HABITAT ELEMENT CHECKLIST

T.		Ι	I	T 1	
1	ACORNS - Fruit of an oak		LAYER, HERBACEOUS > 10% herb. understory	1	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) > 30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
О	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	О	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
I	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

E MINE

assume that acorns are present in the fall) $\mathbf{O} = \text{element is } \underbrace{\text{nearby but outside}}_{\text{of the parcel}} \text{ of the parcel}$ $\mathbf{E} = \text{element is excluded from parcel}; \text{ it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)}$



PARCEL NUMBER: BLM 5 LAKE OROVILLE LOCATION: Main Stem **CWHR HABITAT ELEMENT CHECKLIST**

T.		т	1	т	
I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	1	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) > 30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	О	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
I	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
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I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
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Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

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PARCEL NUMBER: BLM 6 LAKE OROVILLE LOCATION: Main Stem CWHR HABITAT ELEMENT CHECKLIST

	T				
Ι	ACORNS - Fruit of an oak	Ι	LAYER, HERBACEOUS >10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	О	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	Ι	LITTER - Residue <1" in diam.	Ι	SNAG, SMALL (SOUND) <15" dbh
О	BARREN - Devoid of veg. within veg. area	О	LOG, LARGE (HOLLOW) >20" diam.	Ι	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	О	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	О	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
0	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
0	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
Ι	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
О	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	О	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	О	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	О	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	0	TRANSMISSION LINES
0	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	E	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	0	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	0	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	0	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	О	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

O = element is <u>nearby but outside</u> of the parcel

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PARCEL NUMBER: BLM 7 LAKE OROVILLE LOCATION: Main Stem CWHR HABITAT ELEMENT CHECKLIST

Ι	ACORNS - Fruit of an oak	I	I AVED HEDDACEOUS >100/ borb understory	О	SNAC LADGE (DOTTEN) >20" dbb
I		I	LAYER, HERBACEOUS > 10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
	ALGAE - Any algae other than kelp	I	LAYER, SHRUB > 10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.		LAYER, TREE >10% subcanopy trees	ш	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
Е	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	Ι	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	Ι	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
Ι	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	Ι	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	Ι	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	Ι	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	О	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	Ι	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
Ι	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
Ι	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	Ι	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF
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O = element is <u>nearby but outside</u> of the parcel
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PARCEL NUMBER: BLM 8 LAKE OROVILLE LOCATION: Main Stem **CWHR HABITAT ELEMENT CHECKLIST**

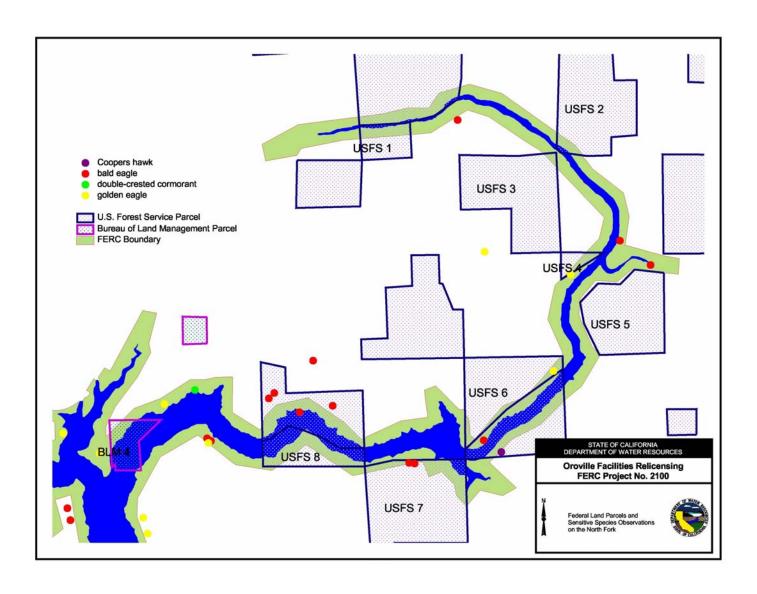
			1		
Ι	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS > 10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	О	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
Е	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE -> 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
Ι	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
Ι	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	О	STEEP SLOPE-Slopes > 50%
Ι	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	Ι	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
Ι	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	Ι	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
Ι	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	Ι	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	Ι	TREE, W/ LOOSE BARK
Ι	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	Ι	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	Ι	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	Ι	WATER - Any source of free water
I	·	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
, - I	INVERTEBRATES		STIKOBS - Woody plants, not nees		W/11 ER, 17151 - Chance, - 210 acc. Howa

Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)



PARCEL NUMBER: BLM 4 LAKE OROVILLE LOCATION: North Fork CWHR HABITAT ELEMENT CHECKLIST

				1	
I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	Е	SNAG, LARGE (ROTTEN) >30" dbh
О	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	Е	SNAG, LARGE, (SOUND) >30" dbh
Ι	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	Ι	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	Ι	LOG, LARGE (HOLLOW) >20" diam.	Ι	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	Ι	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	Ι	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	О	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Ι	STUMP (ROTTEN)-snag<3m (10') high
Ι	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Ι	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Ι	TRANSMISSION LINES
О	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	Ι	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Ι	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

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PARCEL NUMBER: USFS 1 LAKE OROVILLE LOCATION: North Fork CWHR HABITAT ELEMENT CHECKLIST

Ι	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
Ι	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
Ι	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
Ι	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE -> 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
Ι	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE ->1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (40z)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
Ι	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
Ι	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
Ι	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
Ι	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	О	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
Ι	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF
			,		<u> </u>

O = element is <u>nearby but outside</u> of the parcel
E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

PARCEL NUMBER: USFS 2 LAKE OROVILLE LOCATION: North Fork **CWHR HABITAT ELEMENT CHECKLIST**

_	ı	1	1	T	
I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	О	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	Ι	SNAG, MEDIUM (ROTTEN) 15-30" dbh
О	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
Ι	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	О	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	О	LOG, LARGE (ROTTEN) >20" diam.	Ι	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	О	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	Ι	MOSS - Bryophytes	Ι	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	Е	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	Ι	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	Ι	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.

Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

PARCEL NUMBER: USFS 3 LAKE OROVILLE LOCATION: North Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	Ι	SNAG, LARGE, (SOUND) >30" dbh
Ι	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
E	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
Ι	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	Ι	SNAG, SMALL (SOUND) <15" dbh
О	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
Ι	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	Ι	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	Ι	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	Е	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	E	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: USFS 4 LAKE OROVILLE LOCATION: North Fork CWHR HABITAT ELEMENT CHECKLIST

Ι	ACORNS - Fruit of an oak	Ι	LAYER, HERBACEOUS >10% herb. understory	Е	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	Е	SNAG, LARGE, (SOUND) > 30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	Ι	SNAG, SMALL (SOUND) <15" dbh
О	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	Ι	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	Ι	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	О	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	Ι	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that accorns are present in the fall)

O =element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	Ι	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	Ι	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	Ι	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
Ι	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: USFS 5 LAKE OROVILLE LOCATION: North Fork **CWHR HABITAT ELEMENT CHECKLIST**

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	Е	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	Е	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES

I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall) **O** = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

Ι	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
Ι	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
Ι	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
Ι	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: USFS 6 LAKE OROVILLE LOCATION: North Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	Ι	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	Ι	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	Ι	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	Ι	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Ι	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

 $[\]mathbf{O}$ = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	О	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
Ι	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	Ι	TREE, W/ LOOSE BARK
Ι	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
Ι	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
Ι	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: USFS 7 LAKE OROVILLE LOCATION: North Fork **CWHR HABITAT ELEMENT CHECKLIST**

Ι	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	Е	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	Е	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	Ι	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	Ι	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
Е	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT

I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall) **O** = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

Е		Е		I	
T	CLIFF - Steep, vertical overhanging face	E	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
1	CONES - From gymnosperm trees		NEST PLATFORM - Const. large platform		STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
Ι	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
Ι	FERN - Spore-forming plants with fronds	Ι	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
Ι	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
Ι	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
Ι	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
Ι	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	Ι	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
Ι	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: USFS 8 LAKE OROVILLE LOCATION: North Fork **CWHR HABITAT ELEMENT CHECKLIST**

Ι	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	Ι	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) > 30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
О	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT

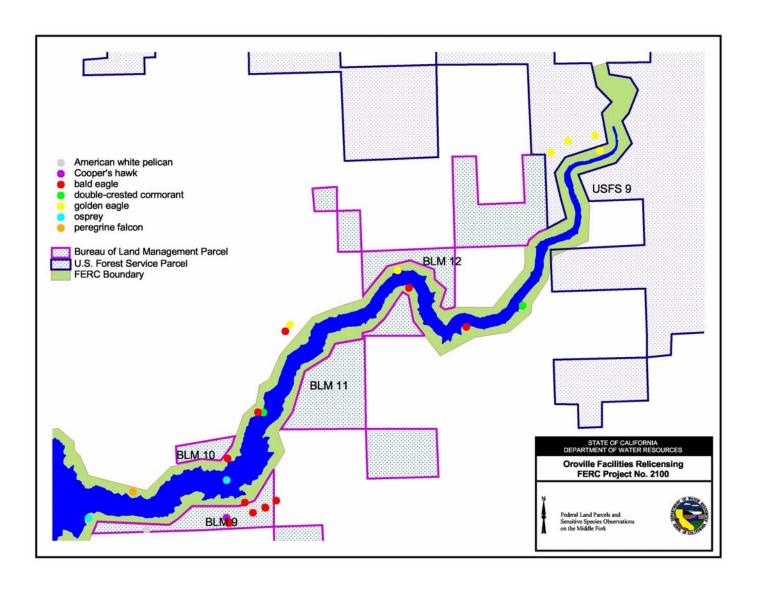
I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel
E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

Т		т		Е	
- T	BURROW - Excavation made by animal	1	MAMMALS, SMALL - < 110g (4oz)		SPRINGS, MINERAL
Е	CAMPGROUND	Ι	MOSS - Bryophytes	Ι	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

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O = element is <u>nearby but outside</u> of the parcel
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PARCEL NUMBER: USFS 9 LAKE OROVILLE LOCATION: Middle Fork CWHR HABITAT ELEMENT CHECKLIST

_				ı	
I	ACORNS - Fruit of an oak	Ι	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
Ι	AMPHIBIANS - Frogs, Toads, etc.	Ι	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	Ι	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	Ι	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	Ι	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	Ι	NECTAR	I	STREAMS, PERMANENT
I	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	Е	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	Е	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	Ι	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Ι	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	О	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	Ι	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	Ι	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD ->11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

E MINE

assume that acorns are present in the fall) $\mathbf{O} = \text{element is } \underline{\text{nearby but outside}} \text{ of the parcel}$

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

PARCEL NUMBER: BLM 9 LAKE OROVILLE LOCATION: Middle Fork **CWHR HABITAT ELEMENT CHECKLIST**

Ţ	A GODNIG TO IN A	I	LAVED HERRAGEOVG 1000	I	ONLY OF A DOLL OF COMMENT OF THE STATE OF TH
	ACORNS - Fruit of an oak		LAYER, HERBACEOUS >10% herb. understory	Ĥ	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	Ι	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	Ι	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	О	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	О	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
Ι	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	О	TRANSMISSION LINES
О	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
Ι	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
Ι	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	Е	WHARF
		_	1		

O = element is <u>nearby but outside</u> of the parcel
E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

PARCEL NUMBER: BLM 10 LAKE OROVILLE LOCATION: Middle Fork **CWHR HABITAT ELEMENT CHECKLIST**

		1	П		
I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	О	SNAG, LARGE, (SOUND) >30" dbh
Ι	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	Ι	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	Ι	LICHENS	Ι	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	О	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	О	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	О	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
О	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	О	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	О	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	О	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	Е	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	О	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	О	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	Ι	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	Ι	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.

Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	E	WHARF

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

PARCEL NUMBER: BLM 11 LAKE OROVILLE LOCATION: Middle Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	Ι	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Ι	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	О	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	О	TREE, BROKEN LIVE TOP >11" dbh
Ι	FISH	О	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	Ι	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	Ι	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	Ι	TREES, PINE - Pinus sp. > 11" dbh

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	О	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: BLM 12 LAKE OROVILLE LOCATION: Middle Fork CWHR HABITAT ELEMENT CHECKLIST

			1	1	T T T T T T T T T T T T T T T T T T T
Ι	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS > 10% herb. understory	Ι	SNAG, LARGE (ROTTEN) >30" dbh
Ι	ALGAE - Any algae other than kelp	I	LAYER, SHRUB > 10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (40z)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
О	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Ι	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	О	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acrons are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there

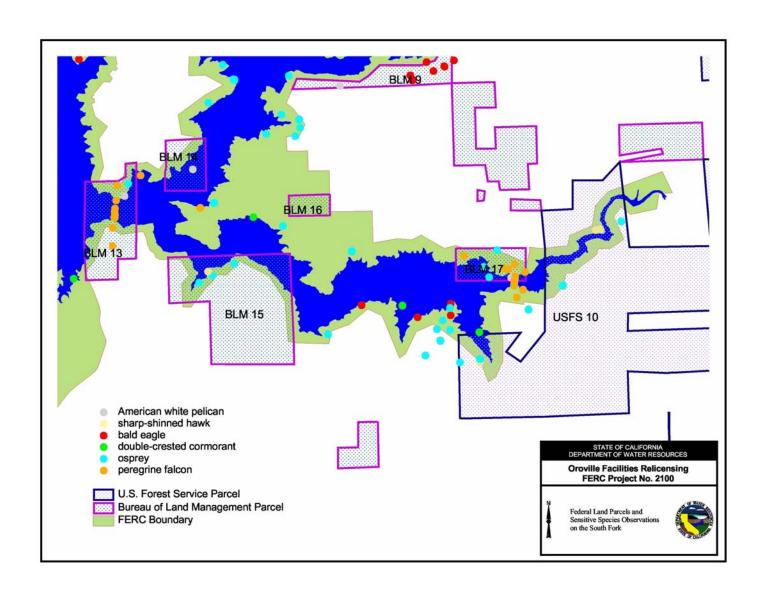
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Е	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	Е	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Е	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Е	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is nearby but outside of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could

not reasonably occur there)



PARCEL NUMBER: USFS 10 LAKE OROVILLE LOCATION: South Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е		I	LICHENS	I	· · · · · · · · · · · · · · · · · · ·
Е	AQUATICS, EMERGENT	I		I	SNAG, MEDIUM (SOUND) 15-30" dbh
I	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	E	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.		SOIL, GRAVELLY - Gravel .8-3" diam.
	BIRDS, MED 110-450g (4oz-1lb) lb1111111)		LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	I	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	Ι	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
Ι	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	Ι	REPTILES	О	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
Ι	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	I	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	Ι	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Ι	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

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assume that acorns are present in the fall) $\mathbf{O} = \text{element is } \underline{\text{nearby but outside}} \text{ of the parcel}$

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

NOTE: Forbestown Rd. runs through parcel.

PARCEL NUMBER: BLM 13 LAKE OROVILLE LOCATION: South Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	Ι	LAYER, HERBACEOUS >10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
О	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	О	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	Ι	LITHIC - Rock scatter <10" diam.	О	SNAG, SMALL (ROTTEN) <15" dbh
Ι	BANK - Cut, hollow or lake border	Ι	LITTER - Residue <1" in diam.	О	SNAG, SMALL (SOUND) <15" dbh
Ι	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
Ι	BERRIES - Small, pulpy fruit	Ι	LOG, LARGE (ROTTEN) >20" diam.	Е	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	Ι	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
О	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	I	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
I	CAMPGROUND	Ι	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	О	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	E	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	Ι	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface

I	LAKES - Permanent > 2ha (5 acres)	Ι	SLASH, SMALL Residue 1-3" diameter	Е	WHARF
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I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

NOTE: A maintained dirt road, and unmaintained paved road, and the Olive Hwy run through parcel.

PARCEL NUMBER: BLM 14 LAKE OROVILLE LOCATION: South Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS > 10% herb. understory	О	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	О	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	О	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	Ι	LICHENS	О	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	О	SNAG, SMALL (ROTTEN) <15" dbh
Е	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	О	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	О	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	О	LOG, LARGE (ROTTEN) >20" diam.	Ι	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	О	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	Ι	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	Ι	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	О	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	О	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	О	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	О	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	Ι	TREE LEAVES
I	FERN - Spore-forming plants with fronds	Ι	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	Ι	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	Ι	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	Ι	TREES, PINE - Pinus sp. > 11" dbh

I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	Е	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	О	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	О	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	О	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
Ι	LAKES - Permanent > 2ha (5 acres)	Ι	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: BLM 15 LAKE OROVILLE LOCATION: South Fork CWHR HABITAT ELEMENT CHECKLIST

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I	ACORNS - Fruit of an oak	Ι	LAYER, HERBACEOUS >10% herb. understory	Ι	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	Ι	SNAG, LARGE, (SOUND) >30" dbh
Ι	AMPHIBIANS - Frogs, Toads, etc.	Ι	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
Е	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
Ι	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (11b)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
Ι	BIRDS, SMALL - < 110g (4oz)	I	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
Ι	BRUSH PILE - >1m high, >=15m² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
Ι	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
E	CAMPGROUND	I	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
I	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	О	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	Е	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	Ι	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
Ι	INVERTEBRATES, AQUATIC	I	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	Ι	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: BLM 16 LAKE OROVILLE LOCATION: South Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS > 10% herb. understory	Ι	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	Ι	SNAG, LARGE, (SOUND) >30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	Ι	SNAG, MEDIUM (ROTTEN) 15-30" dbh
I	AQUATICS, EMERGENT	Ι	LICHENS	Ι	SNAG, MEDIUM (SOUND) 15-30" dbh
I	AQUATICS, SUBMERGED	О	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
Е	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	I	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	Ι	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	I	LOG, MEDIUM (HOLLOW) 10-20" diam	I	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
I	BOGS - Low-lying, residue rich areas	Ι	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Ι	SPRINGS-Freshwater springs, seeps
О	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
Ι	BURROW - Excavation made by animal	Ι	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	О	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	Ι	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	О	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	Ι	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
I	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	I	REPTILES	I	TREE, BROKEN LIVE TOP >11" dbh
Е	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

I	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
Ι	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
I	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
I	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
I	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
I	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
Ι	INVERTEBRATES, AQUATIC	Ι	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	I	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	I	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	I	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	I	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

PARCEL NUMBER: BLM 17 LAKE OROVILLE LOCATION: South Fork CWHR HABITAT ELEMENT CHECKLIST

I	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS >10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	I	LAYER, SHRUB >10% shrub understory	I	SNAG, LARGE, (SOUND) >30" dbh
Ι	AMPHIBIANS - Frogs, Toads, etc.	I	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
Е	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
Е	AQUATICS, SUBMERGED	I	LITHIC - Rock scatter <10" diam.	I	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	I	LOG, LARGE (HOLLOW) >20" diam.	I	SOIL, AERATED - Well drained
Ι	BERRIES - Small, pulpy fruit	Ι	LOG, LARGE (ROTTEN) >20" diam.	I	SOIL, FRIABLE - Easily crumbled
Ι	BIRDS, LARGE - > 450g (1lb)	I	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
Ι	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	Ι	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
Ι	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	I	SOIL, SANDY - Sand .05-2mm diam.
Е	BRUSH PILE - >1m high, >=15m² basal area	Ι	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
I	BUILDINGS - Houses, sheds, etc.	I	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
Ι	BURROW - Excavation made by animal	Ι	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	Ι	MOSS - Bryophytes	I	STEEP SLOPE-Slopes > 50%
Ι	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	Е	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
Ι	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
Ι	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	О	TRANSMISSION LINES
Е	FENCES - Any type	Е	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES

I = element is <u>present inside</u> of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

O = element is <u>nearby but outside</u> of the parcel

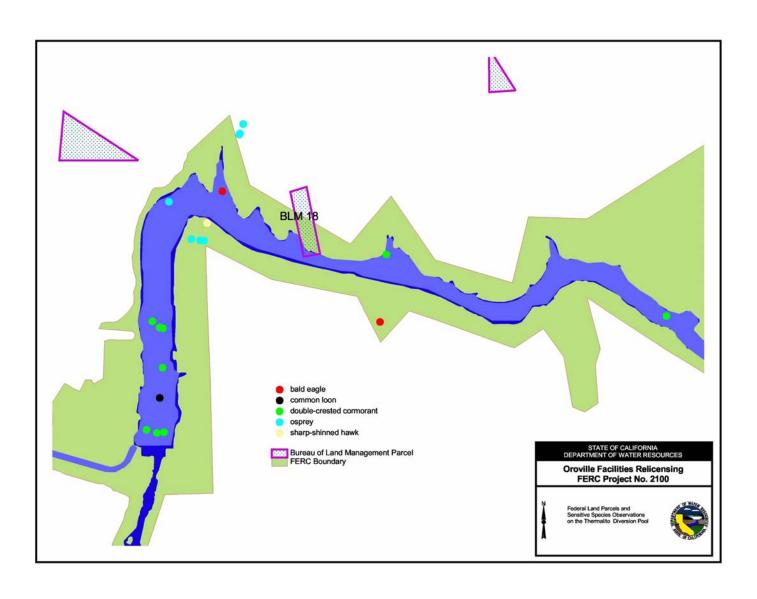
E = element is excluded from parcel; it was not directly observed and/or would not reasonably exist in the area (i.e. kelp was not observed in grassland and could not reasonably occur there)

I	FERN - Spore-forming plants with fronds	I	REPTILES	О	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	I	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
Ι	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
Ι	FORBS - Herbaceous dicotyledons	I	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
Ι	FRUITS - Pulpy fruit	I	ROOTS	Е	TREE/GRASS - Interface
Ι	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	I	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	I	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
Ι	INSECTS, FLYING - Insect eaten in air	Е	SHRUB/GRASS - Interface	Е	VERNAL POOLS
Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	I	WATER - Any source of free water
Ι	INVERTEBRATES	I	SHRUBS - Woody plants, not trees	I	WATER, FAST - Unsilted; >2ft/sec. flows
Ι	INVERTEBRATES, AQUATIC	О	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	Е	WATER, CREATED BODY- Guzzler, well, etc.
Е	JETTY - Rock/concrete extending into water	О	SLASH, LARGE (HOLLOW) Residue 3-10" diam.	Е	WATER, SLOW - Some silt.; flows < .5ft/sec.
Е	KELP - Large, coarse, brown algae	О	SLASH, LARGE (SOUND) Residue 3-10" diam.	Е	WATER/AGRICULTURE- Interface
I	LAKES - Permanent > 2ha (5 acres)	О	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

NOTE: Lumpkin Rd. runs through parcel.

I = element is present inside of the parcel; determined by direct observation or by reasonable assumption (i.e. oak trees are present, therefore it is reasonable to assume that acorns are present in the fall)

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PARCEL NUMBER: BLM 18 LAKE OROVILLE LOCATION: Thermalito Diversion Pool CWHR HABITAT ELEMENT CHECKLIST

Ι	ACORNS - Fruit of an oak	I	LAYER, HERBACEOUS > 10% herb. understory	I	SNAG, LARGE (ROTTEN) >30" dbh
I	ALGAE - Any algae other than kelp	Ι	LAYER, SHRUB >10% shrub understory	Ι	SNAG, LARGE, (SOUND) > 30" dbh
I	AMPHIBIANS - Frogs, Toads, etc.	Ι	LAYER, TREE >10% subcanopy trees	I	SNAG, MEDIUM (ROTTEN) 15-30" dbh
I	AQUATICS, EMERGENT	I	LICHENS	I	SNAG, MEDIUM (SOUND) 15-30" dbh
I	AQUATICS, SUBMERGED	Ι	LITHIC - Rock scatter <10" diam.	Ι	SNAG, SMALL (ROTTEN) <15" dbh
I	BANK - Cut, hollow or lake border	I	LITTER - Residue <1" in diam.	I	SNAG, SMALL (SOUND) <15" dbh
I	BARREN - Devoid of veg. within veg. area	Ι	LOG, LARGE (HOLLOW) >20" diam.	Ι	SOIL, AERATED - Well drained
I	BERRIES - Small, pulpy fruit	Ι	LOG, LARGE (ROTTEN) >20" diam.	Ι	SOIL, FRIABLE - Easily crumbled
I	BIRDS, LARGE - > 450g (1lb)	Ι	LOG, LARGE (SOUND) >20" diam.	Е	SOIL, GRAVELLY - Gravel .8-3" diam.
I	BIRDS, MED 110-450g (4oz-1lb) lb1111111)	Ι	LOG, MEDIUM (HOLLOW) 10-20" diam	Е	SOIL, ORGANIC - >20% organic matter (wght.)
I	BIRDS, SMALL - < 110g (4oz)	Ι	LOG, MEDIUM (ROTTEN) 10-20" diam.	Е	SOIL, SALINE - Alkaline soils/veg.
Е	BOGS - Low-lying, residue rich areas	I	LOG, MEDIUM (SOUND) 10-20" diam.	Е	SOIL, SANDY - Sand .05-2mm diam.
I	BRUSH PILE - >1m high, >=15m ² basal area	I	MAMMALS, LARGE - > 2270g (5lb.)	Е	SPRINGS-Freshwater springs, seeps
Е	BUILDINGS - Houses, sheds, etc.	Ι	MAMMALS, MED 110-2270g (4oz-5lb)	Е	SPRINGS, HOT
I	BURROW - Excavation made by animal	I	MAMMALS, SMALL - < 110g (4oz)	Е	SPRINGS, MINERAL
Е	CAMPGROUND	I	MOSS - Bryophytes	О	STEEP SLOPE-Slopes > 50%
I	CARRION - Any dead animal matter	Е	MUD FLATS- contiguous with water body	I	STREAMS, INTERMITTENT
Е	CAVE - Natural chamber open to surface	I	NECTAR	Е	STREAMS, PERMANENT
Е	CLIFF - Steep, vertical overhanging face	I	NEST BOX - Constructed nesting cavity	I	STUMP (ROTTEN)-snag<3m (10') high
I	CONES - From gymnosperm trees	Е	NEST PLATFORM - Const. large platform	I	STUMP (SOUND)-snag<3m (10') high
I	DUFF - Non-structured decaying matter	Е	NEST ISLAND - Man-made nesting island	Е	TALUS-Slope from rock accumulation
Е	DUMP - Sanitary landfill	I	NUTS - Hard-shelled, dry fruit.	Е	TIDEPOOLS
I	EGGS - Any bird or reptile eggs	Е	PACK STATION - with assoc. human use	I	TRANSMISSION LINES
I	FENCES - Any type	I	PONDS - Permanent, <2ha (5 acres) surf. area	I	TREE LEAVES
I	FERN - Spore-forming plants with fronds	Ι	REPTILES	О	TREE, BROKEN LIVE TOP >11" dbh
I	FISH	Е	RIPARIAN INCLUSION - Riparian veg. (small)	I	TREE, W/ CAVITIES
I	FLOWERS	Е	RIVERS - Perm., >6m (20') wide in dry season	I	TREE, W/ LOOSE BARK
I	FORBS - Herbaceous dicotyledons	Ι	ROCK - Outcrop >10" diam.	Е	TREE/AGRICULTURE - Interface
I	FRUITS - Pulpy fruit	Ι	ROOTS	Е	TREE/GRASS - Interface
I	FUNGI - Mushrooms, molds, etc.	Е	SALT PONDS - Saline ponds	Е	TREE/SHRUB - Interface
Е	GRAIN - A single, hard cereal seed	Е	SAND DUNE	Е	TREE/WATER - Interface
Ι	GRAMINOIDS - Grass-like plants	Ι	SAP	Е	TREES, FIR - Abies sp. >11" dbh
Е	GRASS/AGRICULTURE - Interface	Ι	SEEDS - Other than listed above	I	TREES, HARDWOOD - >11" dbh
Е	GRASS/WATER - Interface	Е	SHRUB/AGRICULTURE- Interface	I	TREES, PINE - Pinus sp. > 11" dbh
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Ι	INSECTS, TERRESTRIAL	Е	SHRUB/WATER - Interface	Ι	WATER - Any source of free water
I	INVERTEBRATES	Ι	SHRUBS - Woody plants, not trees	Е	WATER, FAST - Unsilted; >2ft/sec. flows
I	INVERTEBRATES, AQUATIC	Ι	SLASH, LARGE (ROTTEN) Residue 3-10" diam.	О	WATER, CREATED BODY- Guzzler, well, etc.
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Ι	LAKES - Permanent > 2ha (5 acres)	Ι	SLASH, SMALL Residue 1-3" diameter	Е	WHARF

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NOTE: maintained dirt road through parcel; cattle grazing